

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	704	356/614.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:28
L2	27	356/614.ccls. and alignment and feedback and optics	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:22
L3	193	356/622.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:28
L4	9	356/622.ccls. and piezo\$electr\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:32
L5	151	356/622.ccls. and optic\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:32
L6	36	356/622.ccls. and planar	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:38
L7	163	356/400.ccls. and planar	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:54
L8	150932	(lightguid\$5 or waveguid\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:54
L9	44407	(align\$5 or position\$5 or aim or displac\$5) and (feedback or control\$5 or loop) and L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:55
L10	6433	(align\$5 or position\$5 or aim or displac\$5) and (feedback or control\$5 or loop) and L8 with planar	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:55
L11	17	(align\$5 or position\$5 or aim or displac\$5) and (feedback or control\$5 or loop) and L8 with planar with piezo\$1electric\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:57

## EAST Search History

L12	788	(align\$5 or position\$5 or aim or displac\$5) and (feedback or control\$5 or loop) and L8 with planar and piezo\$1electric\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:57
L13	31513	(align\$5 or position\$5 or aim or displac\$5) and (feedback or control\$5 or loop) and optical component\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:58
L14	809	(align\$5 or position\$5 or aim or displac\$5) with (feedback or control\$5 or loop) with optical component\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 11:03
L15	287	398/141-142.ccls. and (align\$5 or position\$5 or aim or displac\$5) and (feedback or control\$5 or loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 11:04
L17	1077	filter with reflect\$5 and optical alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 11:36
L18	35	filter with reflect\$5 with optical alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 11:41
L19	910	waveleng\$5 selective filter and (align\$5 or position\$5 or aim or displac\$5) and (feedback or control\$5 or loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 11:42
L20	349	waveleng\$5 selective filter and (align\$5 or position\$5 or aim or displac\$5) with (feedback or control\$5 or loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 11:42
L21	27	waveleng\$5 selective filter same (align\$5 or position\$5 or aim or displac\$5) with (feedback or control\$5 or loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 11:42
S2	6	"621211".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 10:16
S3	301	398/158.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:41
S5	99	398/162.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:42

## EAST Search History

S6	55	398/137.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:42
S7	307	398/139.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:42
S8	6072	planar (lightguid\$5 or waveguid\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 10:56
S9	217368	piezo\$1electr\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:43
S10	553	S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:48
S11	15	S8 with S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:43
S12	491	S8 and S9 and (align\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:49
S13	58	S8 and S9 with (align\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:51
S14	5	S8 with S9 with (align\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:49
S15	54	S8 and S9 with (align\$5 or position\$5) and (feedback or control\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 09:52
S16	6	"163686".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 10:49
S17	3	"163686".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 10:49

## EAST Search History

S18	2	alignment with substrate supported waveguide.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 10:50
S19	30	398/156.ccls. and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 10:51
S20	150860	(lightguid\$5 or waveguid\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 10:56
S21	796	S20 and S9 with (align\$5 or position\$5) and (feedback or control\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:14
S22	271	S20 and S9 with (align\$5 or position\$5) with (feedback or control\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 10:57
S23	23	S20 with S9 with (align\$5 or position\$5) with (feedback or control\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:01
S24	8	S20 with S9 with (align\$5 or position\$5) with (feedback or control\$5) and filter\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:05
S25	0	S20 with S9 with (align\$5 or position\$5) with (feedback or control\$5) and filter\$5 and (two dispac\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:06
S26	0	S20 and S9 with (align\$5 or position\$5) with (feedback or control\$5) and filter\$5 and (two dispac\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:06
S27	0	S20 and S9 with (align\$5 or position\$5) with (feedback or control\$5) and filter\$5 and (two displac\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:07
S28	104	(two with S9) with (align\$5 or position\$5) with (feedback or control\$5) and filter\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:08
S29	34	(two with S9) with (align\$5 or position\$5) with (feedback or control\$5) and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:18

## EAST Search History

S30	13	(second with S9) with (align\$5 or position\$5) with (feedback or control\$5) and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:25
S31	47	(second or two) with S9 with (align\$5 or position\$5) with (feedback or control\$5) and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 10:26
S32	13	("20010046037"   "5912999"   "5945261"   "6072926"   "6384977"   "6434300"   "6437886"   "6606159"   "6754162"   "6836592"   "6882477"   "6904201"   "6915044").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/31 11:31
S33	3509	two displac\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:37
S34	0	two displac\$5 and S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:37
S35	9	two displac\$5 and S20 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:43
S36	1626	active alignment	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:43
S37	84	active alignment and S9 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:45
S38	81	active alignment and S9 and S20 and (feedback or control\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:59
S39	0	active alignment and S9 and S20 and (feedback or control\$5) and IR transeiv\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:48
S40	0	active alignment and S9 and S20 and (feedback or control\$5) and transeiv\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:48

## EAST Search History

S41	0	active alignment and S9 and S20 and (feedback or control\$5) and tranceiv\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 11:48
S42	2	"5655041".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 14:30
S43	11	identical data with phase shift\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/10/31 14:31
S44	22531	(planar or integrated) and (align\$5 or aim\$5 or position\$5) with transmit\$5 with receiv\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:08
S45	1754	(planar or integrated) and ((align\$5 or aim\$5 or position\$5) with transmit\$5 with receiv\$5) and bidirection\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 10:19
S46	17	(planar or integrated) and ((align\$5 or aim\$5 or position\$5) with transmit\$5 with receiv\$5) and bidirection\$5 and add\$1drop and filter\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 10:25
S47	5	(planar or integrated) with (waveguid\$5 or lightguid\$5) and ((align\$5 or aim\$5 or position\$5) with transmit\$5 with receiv\$5) same piezo\$1electric\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 10:29
S48	563	(planar or integrated) with (waveguid\$5 or lightguid\$5) and ((align\$5 or aim\$5 or position\$5) with transmit\$5 with receiv\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 10:29
S49	121	(planar or integrated) with (waveguid\$5 or lightguid\$5) and ((align\$5 or aim\$5 or position\$5) with transmit\$5 with receiv\$5) and \$1wdm	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 10:29
S50	7	("4750799"   "4904036"   "4969712"   "5696862"   "5787215"   "5854867"   "6027255").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/01 10:41
S51	187	(planar or integrated) and (align\$5 or aim\$5 or position\$5) with transmit\$5 with receiv\$5 and (active alignment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:11

## EAST Search History

S52	217368	piezo\$1electr\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:29
S53	13	(planar or integrated) and (align\$5 or aim\$5 or position\$5) with transmit\$5 with receiv\$5 and (active alignment) and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:16
S54	17	(align\$5 or aim\$5 or position\$5) with transmit\$5 with receiv\$5 and (active alignment) and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:18
S55	417	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or laser or led) with (receiv\$5 or sensor or photo\$1diode) and (active alignment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:20
S56	152	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or laser or led) with (receiv\$5 or sensor or photo\$1diode) and (active alignment) and planar	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:25
S57	144	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or laser or led) with (receiv\$5 or sensor or photo\$1diode) and (passive alignment) and planar	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:32
S58	1082	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or laser or led) with (receiv\$5 or sensor or photo\$1diode) and (planar with circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:33
S59	237	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or laser or led) with (receiv\$5 or sensor or photo\$1diode) and (planar with circuit) and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:35
S60	1897	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or laser or led) with (receiv\$5 or sensor or photo\$1diode) and substrate and S52 and (feedback or control or loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:37
S61	764	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or laser or led) with (receiv\$5 or sensor or photo\$1diode) and substrate and planar and S52 and (feedback or control or loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:37

## EAST Search History

S62	217	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or laser or led) with (receiv\$5 or sensor or photo\$1diode) and substrate with planar and S52 and (feedback or control or loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 11:38
S63	79	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or led) with (receiv\$5 or sensor or photo\$1diode) and substrate with planar and S52 and (feedback or control or loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 12:49
S64	6	KUU-WIEN-HAURN.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/02 11:36
S65	568	(align\$5 or aim\$5 or position\$5) with (transmit\$5 or led or emit\$5) with (receiv\$5 or sensor or photo\$1diode) and activ\$5 align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 12:51
S66	44	(align\$5 or aim\$5 or position\$5 or adjust\$5) with both with (transmit\$5 or led or emit\$5) with (receiv\$5 or sensor or photo\$1diode) and activ\$5 align\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 12:56
S67	14	(align\$5 or aim\$5 or position\$5 or adjust\$5) with both with (transmit\$5 or led or emit\$5) with (receiv\$5 or sensor or photo\$1diode) and activ\$5 align\$5 and piezo\$1electr\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:00
S68	123	(align\$5 or aim\$5 or position\$5 or adjust\$5) with both with (transmit\$5 or led or emit\$5) with (receiv\$5 or sensor or photo\$1diode) and feedback and piezo\$1electr\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:09
S69	76	398/135-139.ccls. and planar	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:18
S70	67	398/135-139.ccls. and (align\$5 or aim\$5 or position\$5) and planar	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:35
S71	0	Ir transeiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:36



## EAST Search History

S72	1	Ir tranceiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:36
S73	1147	Ir transceiver	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:37
S74	0	Ir transceiver with feedback with (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:37
S75	0	Ir transceiver with feedback same (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:37
S76	0	Ir transceiver with feedback and (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:38
S77	260	Ir transceiver and feedback and (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:38
S78	5	Ir transceiver same feedback and (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:40
S79	2013	transceiver same feedback and (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:40
S80	62	transceiver with feedback with (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:40
S81	97	398/156.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:45
S82	40	398/156.ccls. and (planar or integrated or hybrid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 13:59
S83	23	398/163.ccls. and (planar or integrated or hybrid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 14:01

## EAST Search History

S84	0	"385".ccls. or "398".ccls. and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 14:01
S85	63907	"385".clas. or "398".clas. and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 14:43
S86	97	398/156.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:01
S87	27	398/156.ccls. and active	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 14:46
S88	97	398/156.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 14:46
S89	0	"359".ccls. and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:02
S90	643	"359".clas. and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:02
S91	1109	"385".clas. and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:02
S92	99	"359".clas. and S44 and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:22
S93	202	"385".clas. and S44 and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:22
S94	7085337	(align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:39
S95	4261441	transmit\$5 or LED or emit\$5 or laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:40

## EAST Search History

S96	5016949	receiv\$5 or PD or photo\$1diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:15
S97	47811	S94 with S95 near2 S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:44
S98	200	S94 with S95 near2 S96 with feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:47
S99	25	S94 with S95 near2 S96 with feedback and (planar or free\$1space)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:52
S10 0	323	398/128-129.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 15:52
S10 1	212	398/129.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 16:20
S10 2	2	"6490067".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 16:21
S10 3	2	"6577421".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 16:21
S10 4	2	"6925260".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 16:21
S10 5	2	"20020097471".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 16:21
S10 6	6066510	receiv\$5 or PD or photo\$1diode or sensor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:16
S10 7	5	(align\$5 or position\$5 or aim\$5 or adjust\$5) with S106 with S95 with core with feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:21

## EAST Search History

S10 8	2362	(align\$5 or position\$5 or aim\$5 or adjust\$5) with S106 with S95 with feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:23
S10 9	33458	(align\$5 or position\$5 or aim\$5 or adjust\$5) with S106 with S95 with (feedback or control or loop)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:24
S11 0	102	(align\$5 or position\$5 or aim\$5 or adjust\$5) with S106 with S95 with (feedback or control or loop) with (wave\$1guide or ligh\$1guide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:51
S11 1	2	"6381055".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:51
S11 2	2	"20040208598".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:53
S11 3	4	"3705986".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:54
S11 4	2	"6031048".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:54
S11 5	2	"6031648".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 18:55
S11 6	217	398/131.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:16
S11 7	307	398/139.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:16
S11 8	89	398/138.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:17
S11 9	62	398/138.ccls. and (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:28

## EAST Search History

S12 0	101463	S52 and (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:29
S12 1	25762	S52 with (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:37
S12 2	43	385/129-132.ccls. and (align\$5 or aim\$5 or position\$5) with feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:47
S12 3	2550	385/129-132.ccls. and (align\$5 or aim\$5 or position\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:47
S12 4	137	385/129-132.ccls. and (align\$5 or aim\$5 or position\$5) and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:48
S12 5	35	385/129-132.ccls. and (align\$5 or aim\$5 or position\$5) and S52 and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/11/01 19:48